
INTRODACTION

Parasitic pharyngitis (Halzoun)

"Inflammation of pharyngeal mucosa caused by a parasite".

ممکن تسببها:

1. Fasciola → caused by ingestion of fresh raw sheep, goats & rabbits livers infected with fasciola.
2. linguatula serrata → found in nasal & respiratory passages of the dog.

Its eggs come out with nasal secretions & stool of infected dogs on the grass to be ingested by sheep, goat & rabbit Nymphs (its infective stage) are developed in the viscera of these animals.

"المعدة تهضم الاكل ده و هنتحرر الـ Nymph و تطلع تانى للـ pharynx و الكبد فى الحالة دى سليم"

Treatment:

1. Garging with alcoholic drinks emetics.
2. Tracheostomy.

Control:

Proper cooking of animal tissue

VISIT...

LANZAROTE
Caliente.COM

N.B. see the difference between:

- 1) Ingestion of infected cooked liver will cause fasciola eggs in stool "**false fascioliasis**".
- 2) Ingestion of infected raw liver will cause halzoun and **no** eggs appear in stool.
- 3) Ingestion of encysted metacercaria in infected water or vegetables will cause fascioliasis and fasciola eggs appear in stool.

Intestinal flukes

- **Geog. Distribution** → Middle East and Far East

بتكون موجودة في مناطق البحيرات عشان مياه البحيرات زى brackish water بتبقى مش عذبة مياه الانهار ولا مالحة زى مياه البحار فهي مناسبة لنمو الديدان دى و بتصيب الاسماك " البورى و البلطى".

- **Life cycle:**

Infected man or animal feeds on infected fish → defecation in water → Eggs in stool → Egg is swallowed by snail → Lopho-cercous cercaria develops → infects fish and encysted metacercaria is developed which cause infection to human and animal

- **Mode of infection** → ingestion of insufficiently cooked fish
- **Final host** → Man or infected animal that feeds on fish
- **Diagnostic stage** → Eggs in stool
- **1st intermediate host** → snail
- **2nd intermediate host** → Fish
- **Infective stage** → encysted metacercaria

▪ Pathogenesis:

Light infection: pass unnoticed

Severe infection:

- Superficial necrosis of intestinal mucosa ,excessive mucous secretion;
- Hyperplasia of mesenteric lymph nodes.
- Eggs may find their way to circulation as emboli **reaches:**

Heart and causes Myocarditis

Brain and causes Brain lesions

Lung and causes Lung lesions.

▪ Clinical picture:

- 1) Abdominal discomfort
- 2) Colicky pain
- 3) Musous diarria

▪ Laboratory diagnosis:

1- Detection of eggs in stool :

Size→ 30 x 15 micro

Shape→ oval, thick shelled, speculated at one pole & a knob at the other.

Color→ yellowish brown

2- Blood examination:

Eosinophilia

- **Treatment :**

Praziquantel

- **Control:**

- 1) proper cooking & salting of fish
- 2) periodic examination and treatment of fishermen
- 3) health education
- 4) snail control

- **Epidemiology:**

Fish eating animals, birds & fishermen pollute brakish lakes ++
food habits.